

## MATERIAL SAFETY DATA SHEET

000002276/F/USA - F-0179.151

Approval Date: 04/14/1993

Print Date: 04/17/1993

Page 1

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: LIDOCAINE HCl 2.0 % and Epinephrine 1:100,000 Injection

Catalog Number(s): 861 7151

Manufacturer: Sterling Winthrop Inc., 90 Park Ave., New York, NY 10016

Supplier: EASTMAN KODAK COMPANY, Rochester, New York 14650

For Emergency Health, Safety &amp; Environmental Information, call: 716-722-5151

For Other Information, call the Marketing and Distribution Center in Your Area.

Synonym(s): KAN 966037; F-0179.151; NDC 58472-032-50

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Weight % - Component - (CAS Registry No.)

95-99	Water (007732-18-5)
< 1	Lidocaine hydrochloride (000137-58-6)
< 1	Sodium chloride (007647-14-5)
< 1	Sodium bisulfite (007631-90-5)
< 1	Epinephrine bitartrate (000051-42-3)

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3. HAZARDS IDENTIFICATION

WARNING! HARMFUL IF ABSORBED THROUGH SKIN

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4. FIRST-AID MEASURES

Inhalation: If symptomatic, move to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

Eyes: Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur.

Skin: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. Get medical attention if symptoms occur.

Ingestion: Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

## MATERIAL SAFETY DATA SHEET

000002276/F/USA - F-0179.151

Approval Date: 04/14/1993

Print Date: 04/17/1993

Page 2

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5. FIRE FIGHTING MEASURES

Extinguishing Media: Use appropriate agent for adjacent fire.

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Hazardous Combustion Products: None (noncombustible)

Unusual Fire and Explosion Hazards: None  
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## 6. ACCIDENTAL RELEASE MEASURES

Flush to sewer with large amounts of water. Otherwise, absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Clean surface thoroughly to remove residual contamination. Flush to sewer with large amounts of water.  
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## 7. HANDLING AND STORAGE

Personal Precautionary Measures: Avoid contact with eyes, skin, and clothing.

Prevention of Fire and Explosion: No special precautionary measures should be needed under anticipated conditions of use.

Storage: Keep container closed. Protect from light. Storage above 30 C (86 F) may affect product quality. Storage below 15 C (59 F) may affect product quality.  
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

ACGIH Threshold Limit Value (TLV):

Sodium bisulfite: 5 mg/m<sup>3</sup> TWA

OSHA (USA) Permissible Exposure Limit (PEL):

Sodium bisulfite: 5 mg/m<sup>3</sup> TWA

Personal Protection: Good industrial hygiene practice should be followed which includes preventing eye contact and minimizing skin contact and inhalation.

Respiratory Protection: None should be needed.

## MATERIAL SAFETY DATA SHEET

000002276/F/USA - F-0179.151

Approval Date: 04/14/1993

Print Date: 04/17/1993

Page 3

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Eye Protection: It is a good industrial hygiene practice to minimize eye contact.

Skin Protection: Wear impervious gloves and protective clothing appropriate for the risk of exposure.

Recommended Decontamination Facilities: Eye bath, washing facilities, safety shower

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical Form: Liquid
  - Color: Colorless
  - Odor: Odorless
  - Specific Gravity (water = 1): 1.0
  - Vapor Pressure at 20 C (68 F): 24 mbar (18 mm Hg)
  - Vapor Density (Air = 1): 0.6
  - Volatile Fraction by Weight: 98 %
  - Boiling Point: >100 C (>212 F)
  - Solubility in Water: Complete
  - pH: 3.3 - 5.5
  - Flash Point: None, noncombustible liquid
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## 10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: None with common materials and contaminants with which the material may reasonably come into contact.

Hazardous Polymerization: Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

Effects of Exposure: Components of this product may be absorbed through mucous membranes and can cause local anesthesia (numbness in the exposed area). Signs and symptoms of overexposure may include changes in heart rate and blood pressure, faintness, sweating, and central nervous system effects such as dizziness, nervousness, drowsiness, blurred vision, and tremors. Adverse effects could be more pronounced in those receiving medications to alter blood pressure, and people with cardiovascular disease or drug sensitivity or allergy.

Inhalation: Expected to be a low hazard for recommended handling.

Eyes: No specific hazard known. May cause transient irritation.

## MATERIAL SAFETY DATA SHEET

000002276/F/USA - F-0179.151

Approval Date: 04/14/1993

Print Date: 04/17/1993

Page 4

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Skin: Harmful if absorbed through skin.

Ingestion: Expected to be a low ingestion hazard.

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## 12. ECOLOGICAL INFORMATION

This material has not been tested for environmental effects.

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## 13. DISPOSAL CONSIDERATIONS

Discharge, treatment, or disposal may be subject to national, state, or local laws. Flush to sewer with large amounts of water.

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## 14. TRANSPORT INFORMATION

- For transportation information regarding this product, please phone the Eastman Kodak Distribution Center nearest you: Rochester, NY (716) 588-3536 or 588-3573 or 588-3035; Oak Brook, IL (312) 954-6000; Chamblee, GA (404) 455-0123; Dallas, TX (214) 241-1611; Whittier, CA (213) 945-1255; Honolulu, HI (808) 833-1661.

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## 15. REGULATORY INFORMATION

- Material(s) known to the State of California to cause cancer: None
  - Material(s) known to the State of California to cause adverse reproductive effects: None
  - Carcinogenicity Classification (components present at 0.1% or more):
    - International Agency for Research on Cancer (IARC): None
    - American Conference of Governmental Industrial Hygienists (ACGIH): None
    - National Toxicology Program (NTP): None
    - Occupational Safety and Health Administration (OSHA): None
  - Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372: None
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## 16. OTHER INFORMATION

US/Canadian Label Statements:

WARNING!  
HARMFUL IF ABSORBED THROUGH SKIN

MATERIAL SAFETY DATA SHEET

000002276/F/USA - F-0179.151  
Approval Date: 04/14/1993  
Print Date: 04/17/1993  
Page 5

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Avoid contact with eyes, skin, and clothing.  
Wash thoroughly after handling.

FIRST AID: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. In case of contact, immediately flush eyes and skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Treat symptomatically. Get medical attention immediately. Wash clothing before reuse.

Keep out of reach of children.

For additional information, see Material Safety Data Sheet (MSDS) for this material.

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The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.